



HOLGUN[®]

Instruction Manual

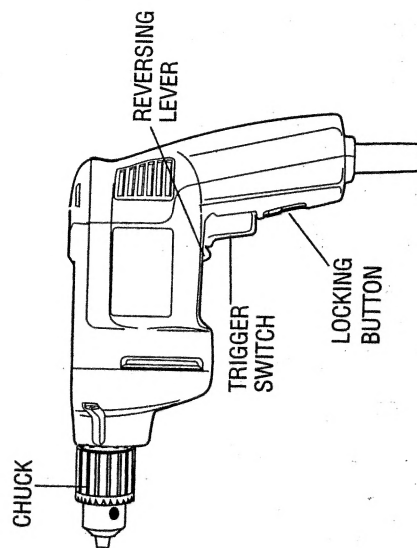
**1042 • 1046 • 1166 • 1180 • 1180G • 1311
1311G • 1312 • 1312G • 2600 VSR Drills**

Getting the most out of your tool.

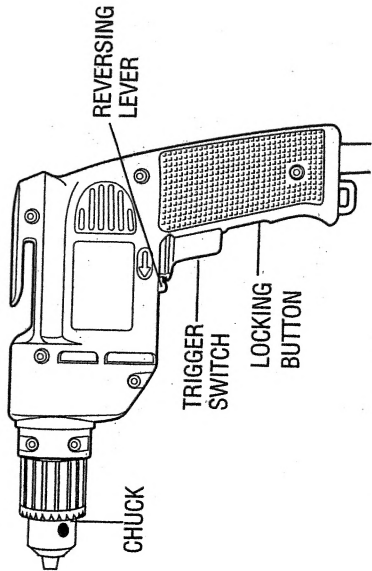
Please take time to read this manual and pay particular attention to the safety rules we've provided for your protection. Don't forget to send in your owner's registration card. If you have any questions about your tool please call:

1-800-9-BD TOOL
(1-800-923-8665)

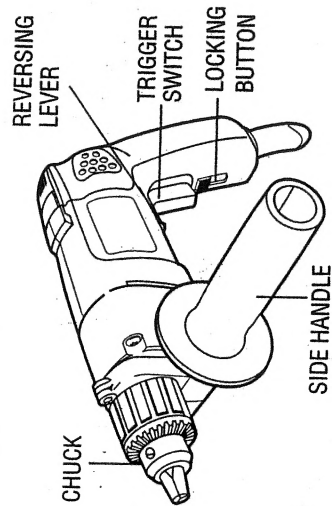
1042/1046 (1/4") VSR DRILLS
1180/1180G/2600 (3/8") VSR DRILLS



1166 (3/8") VSR DRILL



1311/1311G/1312/1312G
(1/2") VSR DRILLS



FOR YOUR SAFETY - ALL TOOLS

WARNING: When using electric tools, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS

Double Insulation (1042, 1046, 1166, 1180, 1311, 1312, 2600)

Double insulated tools are constructed throughout with two separate layers of electrical insulation or one double thickness of insulation between you and the tool's electrical system. Tools built with this insulation system are not intended to be grounded. As a result, your tool is equipped with a two prong plug which permits you to use extension cords without concern for maintaining a ground connection.

NOTE: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

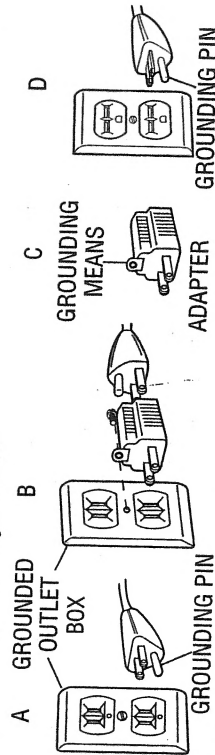
CAUTION: WHEN SERVICING USE ONLY IDENTICAL REPLACEMENT PARTS. Repair or replace damaged cords.

Polarized Plugs (1042, 1046, 1166, 1180, 1311, 1312, 2600)

Polarized plugs (one blade is wider than the other) are used on equipment to reduce the risk of electric shock. When provided, this plug will fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

Grounding Instructions (1180, 1311G, 1312G)

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with a 3-conductor cord and 3-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is intended for use on less than 150 V, it has a plug that looks like that shown in sketch A. If it is for use on 150 to 250 V, it has a plug that looks like that shown in sketch D. An adapter, sketches B and C, is available for connecting sketch A type plugs to 2-prong receptacles. The green-colored rigid ear, lug, or the like, extending from the adapter must be connected to a permanent ground, such as a properly grounded outlet box. No adapter is available for a plug as shown in sketch D. ADAPTER SHOWN IN FIGURES B and C IS NOT FOR USE IN CANADA. Use only 3-wire extension cords that have 3-prong grounding-type plugs and 3-pole receptacles that accept the tool's plug. Replace or repair damaged cords.



Safety Instructions For All Tools

- **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
- **CONSIDER WORK AREA ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit. Do not use tool in presence of flammable liquids or gases.
- **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, and refrigerator enclosures.

- **KEEP CHILDREN AWAY.** Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
- **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.
- **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
- **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended.
- **DRESS PROPERLY.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- **USE SAFETY GLASSES.** Also use face or dust mask if operation is dusty.
- **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
- **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
- **DON'T OVERREACH.** Keep proper footing and balance at all times.
- **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- **DISCONNECT OR LOCK OFF TOOLS** when not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
- **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- **AVOID UNINTENTIONAL STARTING.** Don't carry tool with finger on switch. Be sure switch is off when plugging in.
- **EXTENSION CORDS.** Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in

line voltage resulting in loss of power and overheating. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

Minimum Gauge for Cord Sets		
Volts	Total Length of Cord in Feet	
120V	0-25	16
240V	26-50	14
	51-100	12
	101-200	10
	201-300	8

Ampere Rating		AWG
More Than	Not more Than	
0 - 6	18	16
6 - 10	18	16
10 - 12	16	16
12 - 16	14	12
16 - 20	12	10
20 - 25	10	8
25 - 30	8	6
30 - 35	6	4
35 - 40	4	3
40 - 45	3	2
45 - 50	2	1
50 - 60	1	0
60 - 70	0	00
70 - 80	0	000
80 - 100	0	0000

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45 - 50	2	1
50 - 60	1	0
60 - 70	0	

- **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
- **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
- **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Do not use tool if switch does not turn it on and off.
- **CAUTION:** When drilling or driving into walls, floors or wherever live electrical wires may be encountered, DO NOT TOUCH ANY METAL PARTS OF THE TOOL! Hold the tool only by insulated grasping surfaces to prevent electric shock if you drill or drive into a live wire.

SAVE THESE INSTRUCTIONS

TOOL OPERATION

Side Handle (1311/13116/1312/1312G)

CAUTION: Always use side handle when provided and hold drill with both hands. A side handle is supplied with all 1/2" and some 3/8" drills. In most cases, it clamps to the front of the gear case as shown in Figure 1 and can be rotated 360° to permit right or left hand use.

Switch

To start drill, depress the trigger switch, shown in Figure 2. To stop drill, release the switch. To lock the trigger switch in the ON position for continuous operation, depress the trigger switch and push up the **locking button**. The tool will continue to run. To turn the tool OFF, from a locked ON condition, squeeze and release the trigger once. Before using the tool (each time), be sure that the locking button release mechanism is working freely.

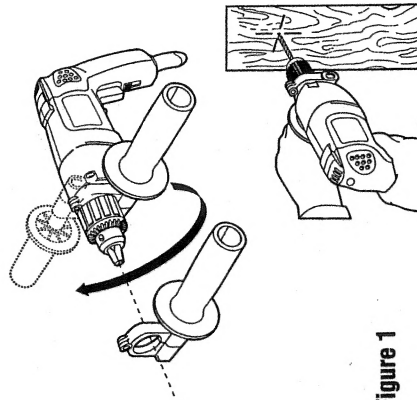


Figure 1

Do not lock the switch ON when drilling by hand so that you can instantly release the trigger switch if the bit binds in the hole. The locking button is for use only when the drill is mounted in a drill press stand or other wise held stationary. Be sure to release the locking mechanism before disconnecting the plug from the power supply. Failure to do so will cause the drill to start immediately the next time it is plugged in. Damage or injury could result.

The **variable speed trigger switch** permits speed control. The farther the trigger switch is depressed, the higher the speed of the drill.

NOTE: Use lower speeds for starting holes without a centerpunch, drilling in metal, plastics or ceramics, or driving screws. Higher speeds are better for drilling in wood and composition board and for using abrasive and polishing accessories.

The **reversing lever** is used to reverse the drill for backing out screws or jammed bits. It is located above the trigger, shown in Figure 2. To reverse the drill, turn it OFF and push the reversing lever to the left (when viewed from the chuck end). To position the lever for forward operation, turn the drill OFF and push the lever to the right.

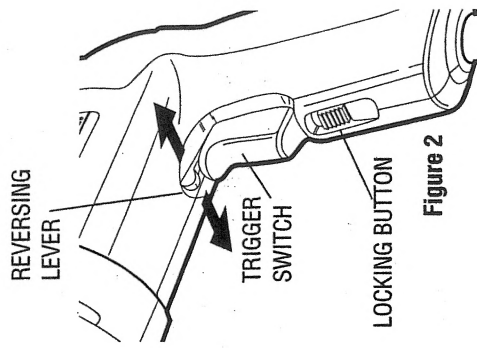


Figure 2

Chuck

To insert bit, open chuck jaws by turning collar with fingers and insert shank of bit about 3/4" into chuck. Tighten chuck collar by hand. Place chuck key in each of the three holes and tighten in clockwise direction. It's important to tighten chuck with all three holes. **To release bit**, turn chuck key counterclockwise in just one hole, then loosen the chuck by hand.

Chuck Key Holder

(May be installed already)

1. Push double hole end of holder through slot in other end of holder (Figure 3).
2. Slip loop over electric cord and draw loop tight around cord (Figure 4).
3. Push ends of chuck key handle through two holes in end of holder (Figure 5).

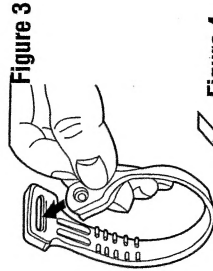


Figure 3

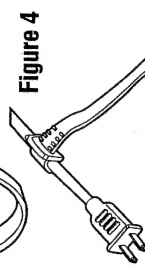


Figure 4

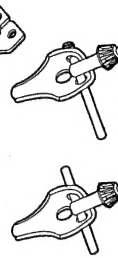


Figure 5

Chuck Removal

1. TURN OFF TOOL AND DISCONNECT FROM POWER SUPPLY.
2. Place chuck key in chuck as shown in Figure 6.
3. Using a wooden mallet or similar object, strike key sharply in a clockwise direction. This will loosen screw inside chuck (Figure 6).
4. Open chuck jaws fully. Insert screwdriver (or 3/16" hex wrench if required) into front of chuck between jaws to engage screw head.

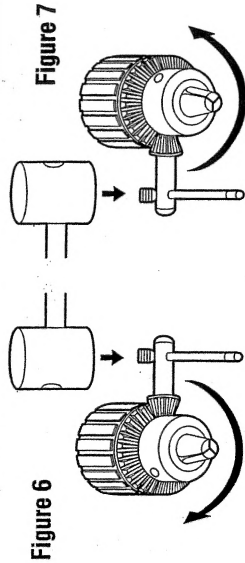
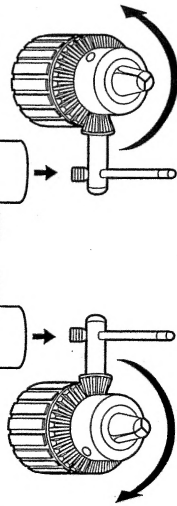


Figure 6

Figure 7



5. Remove screw by turning clockwise (left-hand thread).
6. Place key in chuck as shown in Figure 7.
7. Using a wooden mallet or similar object, strike key sharply in a counterclockwise direction. This will loosen chuck so that it can be unscrewed by hand (Figure 7).

Drilling

1. Always turn off tool and disconnect from power supply when attaching or changing bits or accessories.
2. Use sharp drill bits only. For WOOD, use twist drill bits, spade bits, power auger bits, or hole saws. For METAL, use high speed steel twist drill bits or hole saws. For MASONRY, such as brick, cement, cinder block, etc., use carbide-tipped bits.
3. Be sure the material to be drilled is anchored or clamped firmly. If drilling thin material, use a "back-up" block to prevent damage to the material.
4. Always apply pressure in a straight line with the bit. Use enough pressure to keep the drill bit biting, but do not push hard enough to stall the motor or deflect the bit.
5. Hold tool firmly to control the twisting action of the drill.

6. IF DRILL STALLS, it is usually because it is being overloaded. **RELEASE TRIGGER IMMEDIATELY**, remove drill bit from work, and determine cause of stalling. **DO NOT CLICK TRIGGER OFF AND ON IN AN ATTEMPT TO START A STALLED DRILL – THIS CAN DAMAGE THE DRILL.**

7. To minimize stalling on breaking through the material, reduce pressure on drill and ease the bit through the last fractional part of the hole.

8. Keep the motor running when pulling the bit back out of a drilled hole. This will help prevent jamming.

9. With variable speed drills there is no need to center punch the point to be drilled. Use a slow speed to start the hole and accelerate by squeezing the trigger harder when the hole is deep enough to drill without the bit skipping out. Operate at full speed after starting the bit.

Drilling in Wood

Holes in wood can be made with the same twist drills used for metal. These bits may overheat unless pulled out frequently to clear chips from the flutes. For larger holes, use spade bits, power auger bits, or hole saws. Work that is likely to splinter should be backed up with a block of wood.

Drilling in Metals

Use a cutting lubricant when drilling metals. The exceptions are cast iron and brass which should be drilled dry. The cutting lubricants that work best are sulphurized cutting oil or lard oil; bacon grease will also serve the purpose.

Drilling in Masonry

Use carbide tipped masonry bits at low speeds. Keep even force on the drill but not so much that you crack the brittle materials. A smooth, even flow of dust indicates the proper drilling rate.

MAINTENANCE

Lubrication

All ball and sleeve bearings used are factory lubricated to last the life of the bearings. All needle bearings used received their lubrication from the grease in the gear case. Clean and relubricate gear case yearly or whenever servicing requires the gear case to be removed. Use type and quantity of grease shown on Parts Bulletin packed with your tool.

The gear case is removed by removing the three screws from the front of the tool. If the chuck is too large to permit removal of the two top screws, see instructions for chuck removal.

Motor Brushes

Your drill uses the B&D CHECKPOINT™ brush system. The tool will stop when the brushes wear out. This prevents damage to the motor.

IMPORTANT!

To assure product safety and reliability, particularly for double Insulated tools, repairs, maintenance and adjustment (excluding maintenance described in this manual) should be performed by B&D service centers or authorized service centers, using identical B&D replacement parts.

ACCESSORIES

Recommended accessories for use with your tool are available at extra cost from your distributor or local service center. A complete listing of service centers is included with your tool.

CAUTION: The use of any non-recommended accessory may be hazardous.

If you need any assistance in locating any accessory call 1-800-9-BD TOOL: (1-800-923-8665) or contact Black & Decker (U.S.) Inc., Consumer Services Department, 626 Hanover Pike, P.O. Box 618, Hampstead, MD 21074.

MAXIMUM RECOMMENDED CAPACITIES

Drill Capacity RPM	1/2"	1/2"	3/8"	3/8"	1/4"
	0-600	0-900	0-1200	0-2000	0-2500
Bits, Metal Drilling	1/2"	1/2"	3/8"	3/8"	1/4"
Wood Flat Boring	1 1/2"	1 1/2"	1 1/4"	1"	3/4"
Bits, Masonry Drilling	9/16"	9/16"	9/16"	1/2"	1/2"
Hole Saws Wood	3 1/2"	3"	1 1/2"	1 1/8"	1 1/8"
Hole Saws Steel	2"	1 1/2"	1 1/4"	—	—

ACCESSORY MUST BE RATED FOR USE AT SPEED EQUAL TO OR HIGHER THAN NAMEPLATE RPM OF TOOL WITH WHICH IT IS BEING USED.

Wire Wheel Brushes	4" Diameter Maximum
Wire Cup Brushes	3" Diameter Maximum
Buffing Wheels	3" Diameter Maximum
Rubber Backing Pads	4-5/8" Diameter Maximum

CARBON REMOVING BRUSHES

Made of tempered-steel wire; used with 1/4" drills to remove rust and scale from metals. Leaves a burnished surface.



- A. Heavy duty solid wire-filled brush.
- B. Side-flare brush for close corner work.
- C. Hollow-core, flare bottom brush. Small cleaning brush (not shown).

WIRE WHEEL BRUSHES

Use in cleaning and removing rust, scale, old paint. Maximum safe RPM- 5000.



WIRE CUP BRUSH

Use in cleaning and removing rust, scale, old paint. Maximum safe RPM- 5000.



DRILL STOP

Capacity 1/4" to 1/2". Governs drilling depth.



WHEEL ARBORS

Fit 1/4" to 1/2" drills. Carry wire wheel brushes and buffing wheels.



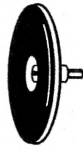
BUFFING WHEELS

Use with 1/4" to 1/2" drills and wheel arbors. 3" x 3/8" x 1/2" cotton buff.



RUBBER BACKING PAD

Fit 1/4" to 1/2" drills. 4-5/8" rubber backing pad with plain shank. Used for sanding operations.



SANDING DISCS

Use with rubber backing pad.



ROUND-SHANK MASONRY BITS

These bits are carbide-tipped for top performance and extra long life in most masonry drilling applications.

BIT DIAMETER	USABLE DRILLING DEPTH	SHANK DIAMETER
3/16"	1-1/2"	3/16"
1/4"	2"	1/4"
5/16"	2-1/4"	1/4"
3/8"	2-1/2"	1/4"
1/2"	2-1/2"	1/4"

HIGH-SPEED HOLE SAWS (Use with mandrels)

SAW OUTSIDE DIAMETERS	FOR CONDUIT SIZES	FOR PIPE TAP SIZES
5/8"	5/8" hole saw has built in mandrel; no separate mandrel	
3/4"	3/8"	
7/8"	1/2"	
1-5/16"		3/4"
1"		
1-1/16"		
1-1/8"	3/4"	

Every B&D tool is of the highest quality.

If you wish to contact us regarding this product, please call toll free between 8:00am and 8:00pm ET, seven days a week:

1-800-9-BD TOOL

(1-800-923-8665)

One Year Service/Safety Check

All B&D tools for Industry and Construction are covered under a service/safety check program where B&D will inspect your tool for safety and provide necessary maintenance or repairs, including normal wear and tear parts, for one year, FREE OF CHARGE.

Full Warranty

All B&D tools for Industry and Construction are warranted to be free of any defects in materials or workmanship. Upon thorough examination of tool, B&D will repair or replace, at our option, any product that is determined to be defective.

Conditions

The service/safety check and the warranty do not apply to: repairs made or attempted by anyone other than an authorized B&D service location; misuse, abuse, neglect, improper application of the tool; missing parts; or normal wear and tear (after first year of ownership). Please return the complete unit, transportation prepaid, to any B&D factory owned or B&D authorized service center location (list provided with tool or see Yellow Pages under "Tools Electric").

YOUR POWER TOOLS MAY BE SERVICED AT THE FOLLOWING B&D SERVICE CENTERS.

YOUR POWER T

ALABAMA:
Birmingham 35208, 2412 Green Springs Hwy., 205-942-0538
Mobile 36608, 3831 Airport Blvd., 205-945-5624

ALASKA:
Anchorage 99518, 910 West International Airport Rd., 907-563-4664
Mesa 85202, 535 S. Dobson, Suite 7, 602-461-1074
Phoenix 85013, 4501 N. 7th Avenue, 602-276-6114
Tucson 85712, 4845 E. Speedway Blvd., 602-323-3388

ARKANSAS:
Little Rock 72201, 519 W. Seventh St., 501-372-3040

CALIFORNIA:
Anaheim 92806, 540 South State College Blvd., 714-772-4050
Chula Vista 91910, 309 Broadway, 619-420-6350
Concord 94520, 1500 Monument Blvd., #C2, 925-682-4880
Fresno 93710, 5412 North Blackstone Ave., 209-435-0810
Long Beach 90805, 2011 South St., 310-422-5820
Los Angeles 90040, 4820 South Eastern Ave., Suite "L", 310-422-7825
Sacramento 95820, 4200 Sutterville Ave., Suite "B", 916-977-9700
San Diego 92123, 9270 Clairemont Mesa Blvd., 619-573-9090
San Jose 95128, 1185 So. Bascom Ave., 408-269-7381
San Leandro 94578, 15206 E. 14th St., 510-276-1610
Van Nuys 91411, 14920 Victory Blvd., 818-787-5531

COLORADO:
Denver 80219, 1171 S. Federal Blvd., 303-922-8325

CONNECTICUT:
Orange 06477, 481 Boston Post Rd., 203-795-3583
Weathersfield (Hartford) 06109, 662 Sias Dean Hwy., 203-563-5900

DISTRICT OF COLUMBIA: Washington

FLORIDA:
Coral Gables 33136, 14535 Biscayne Blvd., 301-779-3908
Falls Church, VA 22046, 344 W. Broad St., 703-533-7313

FLORIDA:
Ft. Lauderdale 33334, 799 E. Oakland Pk. Blvd., 305-566-5102
Ft. Myers 33907, 6224 Bank Street, 813-272-1188
Miami 33136, 9250 N.W. 42nd Ave., 305-431-2253
Miami (South) 33156, 12233 S.W. Dixie Hwy., 305-881-6558
Miami 33142, 3330 N.W. 11th St., 305-894-7147
Orlando 32803, 3807 E. Colonial Dr., 407-924-0273
St. Petersburg 33708, 5635 55th St., 813-522-0273
Tampa 33609, 3432 W. Kennedy Blvd., 813-872-8317
West Palm Beach 33415, 310 South Military Trail, 407-689-3247

GEORGIA:
Atlanta (South) 30349, 5330 Old National Hwy., 404-765-8844
Smyrna 30080, 2850 Cobb Pkwy., 404-956-0069
Stone Mountain (Atlanta) 30066, 5723 Memorial Dr., 404-292-4714

HAWAII:
Honolulu 96819, 330 Sand Island Access Road, 808-947-7447

ILLINOIS:
Des Plaines (Chicago) 60018, 1277 South Elmhurst Rd., 708-364-5220
Linwood (Chicago) 60466, 6710 N. Crawford Ave., 708-671-0873
Moline 61265, 4433 23rd St., 2850 Ogden Ave., Unit H, 309-252-7000
Oak Lawn (Chicago) 60453, 6343 W. 95th St., 708-425-7202
Waukegan 60085, 39 S. Greenbay Rd., 708-249-4308

INDIANA:
Evansville 47710, 307 First Ave., Crescent Cir., 812-425-4269
Indianapolis 46231, 7103 Kennedy Ave., 317-945-5100
Indianapolis 46224, 5999 Crawfordsville Rd., 317-245-8908

IOWA:
Des Moines 50310, 3427 Merle Hay Rd., 515-270-1340

KANSAS:
Wichita 67213, 155 S. West St., 316-943-1271

KENTUCKY:
Louisville 40213, 5211 Preston Hwy., 502-966-7100

LOUISIANA:
Baton Rouge 70815, 11859 Florida Blvd., 504-376-8111
Baton Rouge 70805, 2500 Laplace Blvd., 504-866-9878
Shreveport 71106, 7710-7714, Jewella Rd., 318-686-1553

MARYLAND:
Baltimore (East) 21205, 4712 Erdman Ave., 410-485-5550
Baltimore (North) 21030, 29-31 Cranbrook Rd., 410-485-5550
Baltimore (South) 21222, 8220 Ritchie Hwy., Pasadena, 410-485-5550
Cotman Manor 20722, 4153 Badensburg Rd., 301-776-3808

MASSACHUSETTS:
Brighton (Boston) 02135, 12 Market St., 617-782-6264
Seekonk 02771, 120 Highland Ave., 508-339-6510

MICHIGAN:
Grand Rapids 49512, 3040 28th St., S.E., 616-949-6831
Lansing 48217, 3203 W. Saginaw Hwy., 317-323-4731
Warren 48093, 27035 Van Dyke Blvd., 313-756-6711
Westland (Detroit) 48185, 8067 North Wayne Rd., 313-427-1520

MINNESOTA:
Bloomington (Minneapolis-St. Paul) 55420, 9517 Lyndale Ave., S., 612-884-9191

MISSOURI:
Kansas City 64111, 4324 Main St., 816-531-0629
St. Louis 63103, 63074, 3637 North Lindbergh Blvd., 314-739-4661
St. Louis 63131, 12652 Memorial Rd., 314-821-1840

NEBRASKA:
Omaha 68127, 4225 S. 84th St., 402-596-5666

NEVADA:
Las Vegas 89104, 3411 East Charleston Blvd., 702-441-6555

NEW JERSEY:
Cherry Hill 08034, 1444 E. Marlton Pike/Rte. 70, 609-429-2822
Little Falls 07424, 1189 U.S. Highway 46, 201-256-9373
Union (Scotts Plains) 07076, 2520 Route #22 East, 908-233-5665

NEW MEXICO:
Albuquerque 87110, 5617 Menaul Blvd., N.E., 505-984-1002

NEW YORK:
Buffalo 14209, 881 W. Delaware Ave., 716-884-6220
Cenereach L.I. 11720, 2061-63 Middle Country Rd., 516-737-4706
Elmhurst (New York) 11373, 77-20 Queens Blvd., 718-935-1842
Latham (Albany) 12110, 639 Troy Schenectady Rd., 518-785-1867
Schuylkill 12823, 2969 W. Henrietta Rd., 716-424-1310
Washington 13274, 446 Erie Blvd., East, 315-446-3086
Westbury (Long Island) 11590, 1061 Old Country Rd., 516-897-6140

NORTH CAROLINA:
Charlotte 28205, 3007 E. Independence Blvd., 704-374-1779
Greensboro 27407, 3716 High Point Rd., 910-851-1300
Raleigh 27604, 2930 Capital Blvd., 919-876-0357

OHIO:
Cincinnati 45241, 2310 E. Sharon Rd., 513-772-3111
Columbus 43227, 3975 E. Livingston Ave., 614-237-0461
Dayton 45409, 2898 S. Dixie Dr., 513-298-1951
Mayfield Heights (East Cleveland) 44124, 5881 Mayfield Rd., 216-449-2770

OKLAHOMA:
Parma Heights (Cleveland) 44130, 6483 Pearl Road, 216-842-9100
Toledo 43607, 3231 Dorr St., 419-531-9821

OKLAHOMA:
Oklahoma City 73106, 1318 Linwood Blvd., 405-232-7515
Tulsa 74145, 3120 S. Sheridan Rd., 918-622-5666

OREGON:
Portland 97209, 1640 N.W. Johnson St., 503-228-8631

PENNSYLVANIA:
Evanston City 16033, 20608 Rt. 19 North, 412-779-9600
Harrisburg 17112, 6000 Allentown Blvd., 717-545-0651
Pottsville 17901, 118 Keller St., 717-583-5251
Pottsville 17901, 333 N. 20th St., 717-583-5251
Pittsburgh 15222, 537 E. 9th St., 412-362-2770
Pittsburgh 15222, 537 E. 9th St., 412-362-2770
Whitehall (Allentown) 18052, 2242 MacArthur Rd., 610-636-9544
Whitehall (Allentown) 18052, 2242 MacArthur Rd., 610-636-9544

PUERTO RICO:
Wilkes-Barre 18702, 759 Kiddier Street, 717-824-5704

PUERTO RICO:
Puerto Nuevo, 809-763-3535

RHODE ISLAND:
See Seekonk, MA

SOUTH CAROLINA:
Greenville 29607, 1557 Laurens Rd., 803-232-3038

TENNESSEE:
Chattanooga

ALBERTA

Edmonton T6E 6H6, 3845 99th St. 403-462-5005

BRITISH COLUMBIA

Vancouver V5M 3Y7, 1735 Boundary Rd. 604-291-9942

MANITOBA

Winnipeg R3H OK3, 934 St. James St. 204-783-7294

NOVA SCOTIA

Halifax B3K 2A4, 6100 Young Street. 902-453-5090

ONTARIO

Brockville K6V 5W6, 100 Central Ave. 613-342-6641
Kanata K2L 1V3, 462 Hazeldean Rd #11 613-831-2332
Glencalm Plaza

London N6E 3A9, 981 Wellington Rd #6. 519-649-2407
Markham L3P 3J3, 9275 Hwy 48 Unit 12/13 ... 905-472-6168
Mississauga L4X 1L3, 1480 Dundas St. E #7 ... 905-277-0011
North York M3J 3G5, 48 Kodiak Cres 416-635-6740

QUEBEC

Brossard J4W 1M6, 5840 Boul. Taschereau ... 514-462-4881
Montreal H1Y 1B4, 3061 Belanger 514-722-1021

FOR ADDITIONAL SERVICE LOCATIONS

CALL: 1-800-9-BD TOOL

Black & Decker (U.S.) Inc. • 701 East Joppa Road, Towson, Maryland 21286

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